

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Central and North Central</b>				
<b>(AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z064) LINCOLN</b>				
	08/01/13 00:00 CST		0	Drought
	08/31/13 23:59 CST		0	
Continued dry weather kept an area of severe drought across parts of southeastern Arkansas early in August. After the middle of the month, however, drought conditions improved for a short time.				
<b>WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 0.5 NE RIVERSIDE [35.29, -91.22], 1.1 WNW RIVERSIDE [35.29, -91.25], 0.7 WSW CAVELL [35.25, -91.26]</b>				
	08/01/13 00:00 CST		10K	Flood (due to Heavy Rain)
	08/26/13 16:00 CST		50K	Source: River/Stream Gage
Heavy summertime rainfall caused the Cache River at Patterson to rise above flood stage in late July, and the river then remained above flood stage until the afternoon hours of the 26th.				
Heavy summertime rainfall caused the Cache River to rise above flood stage in late July, and remained above flood stage through late August.				
<b>BAXTER COUNTY --- 3.0 NNE MOUNTAIN HOME [36.37, -92.36]</b>				
	08/05/13 18:33 CST		0	Heavy Rain
	08/05/13 19:33 CST		0	Source: Trained Spotter
Rainfall measured 2.70 inches in one hour.				
<b>BAXTER COUNTY --- LAKEVIEW [36.37, -92.55]</b>				
	08/05/13 19:28 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/13 19:28 CST		0	Source: Law Enforcement
Some trees were blown down.				
<b>BAXTER COUNTY --- 1.2 E MIDWAY [36.38, -92.45]</b>				
	08/05/13 19:31 CST		15K	Thunderstorm Wind (EG 52 kt)
	08/05/13 19:31 CST		0	Source: Law Enforcement
A tree fell onto a car, trapping the people inside. They were extricated and found to have no injuries.				
<b>BAXTER COUNTY --- 1.0 E MONKEY RUN [36.35, -92.45], 1.6 E MONKEY RUN [36.35, -92.44]</b>				
	08/05/13 19:33 CST		20K	Thunderstorm Wind (EG 52 kt)
	08/05/13 19:33 CST		0	Source: Newspaper
Trees were blown down. One of the trees fell on a house.				
<b>BAXTER COUNTY --- 3.0 NNE MOUNTAIN HOME [36.37, -92.36]</b>				
	08/05/13 19:33 CST		0	Hail (1.25 in)
	08/05/13 19:33 CST		0	Source: Trained Spotter
<b>BAXTER COUNTY --- MOUNTAIN HOME [36.33, -92.38]</b>				
	08/05/13 19:45 CST		0	Hail (1.00 in)
	08/05/13 19:45 CST		0	Source: Broadcast Media
<b>STONE COUNTY --- 1.6 SSE ALLISON [35.91, -92.11]</b>				
	08/05/13 20:53 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/13 20:53 CST		0	Source: Law Enforcement
Trees were blown down along Arkansas 5.				
<b>STONE COUNTY --- 1.4 ENE TIMBO [35.88, -92.30]</b>				

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	08/05/13 21:03 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/13 21:03 CST		0	Source: Law Enforcement

Trees were blown down along Arkansas 66.

A stalled front in the state and an area of low pressure aloft moving into Arkansas from the northwest triggered a few severe storms on the evening of the 5th.

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**BOONE COUNTY --- 5.2 NW CRICKET [36.50, -93.29], 1.9 NNE SUGARLOAF [36.50, -92.91], 2.0 SSE EVERTON [36.12, -92.89], 3.6 WSW HILL TOP [36.13, -93.28]**

08/08/13 02:30 CST	0.60M	Flash Flood (due to Heavy Rain)
08/08/13 09:30 CST	0	Source: Law Enforcement

Flash flooding occurred on many roads in Boone County, and many low-water crossings were under water. In the Harrison area, U.S. 65 was blocked off due to water over the road, and Arkansas 7 had 4 feet of water over it. Water from Bear Creek flowed over the bridge on Arkansas 14 and deposited debris on the roadway. Water surrounded a mobile home in Omaha, but the fire department got the 83 year-old occupant out.

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**BOONE COUNTY --- 0.7 E VALLEY SPGS [36.15, -92.99]**

08/08/13 16:10 CST	10K	Thunderstorm Wind (EG 52 kt)
08/08/13 16:10 CST	0	Source: Law Enforcement

Trees and power lines were blown down along U.S. 65.

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**LOGAN COUNTY --- 1.1 WNW ROSEVILLE [35.39, -93.80]**

08/08/13 18:28 CST	10K	Thunderstorm Wind (EG 52 kt)
08/08/13 18:28 CST	0	Source: Emergency Manager

Large trees were blown down on Arkansas 309.

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**SCOTT COUNTY --- 2.7 SSE WALDRON [34.87, -94.06]**

08/08/13 19:50 CST	5K	Thunderstorm Wind (EG 52 kt)
08/08/13 19:50 CST	0	Source: Law Enforcement

A few trees were blown down along Arkansas 250.

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**WHITE COUNTY --- 0.5 WSW FOURMILE HILL [35.28, -91.79], 2.2 W JUDSONIA [35.28, -91.67], 1.3 SSW KENSETT [35.21, -91.68], 3.0 SSW ARMSTRONG [35.21, -91.81]**

08/08/13 22:00 CST	10K	Flash Flood (due to Heavy Rain)
08/09/13 00:30 CST	0	Source: Law Enforcement

Numerous streets had to be barricaded in Searcy. In the 2 hours from 10 PM to Midnight CDT, 3.83 inches of rain fell at the Searcy airport. This total included 0.42 inch from 10:21 to 10:30 PM CDT, 0.47 inch from 10:30 to 10:39 PM, 0.53 inch from 10:39 to 10:48 PM, 0.43 inch from 10:48 to 10:56 PM, and 0.97 inch from 10:56 to 11:14 PM.

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**SEARCY COUNTY --- 0.4 NE MARSHALL [35.90, -92.62]**

08/09/13 15:35 CST	2K	Thunderstorm Wind (EG 52 kt)
08/09/13 15:35 CST	0	Source: Law Enforcement

A tree was blown down on U.S. 65.

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**CONWAY COUNTY --- 1.0 S ST VINCENT [35.29, -92.73]**

08/09/13 18:50 CST	0	Hail (1.00 in)
08/09/13 18:50 CST	0	Source: Public

A lot of small hail fell, but some of the hailstones were as large as quarters.

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**BAXTER COUNTY --- 2.2 N MIDWAY [36.41, -92.47], 4.6 SSW CLARKRIDGE [36.41, -92.39], 2.2 NNW MOUNTAIN HOME [36.36, -92.39], 0.7 SE MOUNTAIN HOME ARPT [36.36, -92.46]**

08/10/13 05:00 CST	0	Flash Flood (due to Heavy Rain)
08/10/13 09:30 CST	0	Source: Law Enforcement

Parts of Baxter County Road 27 flooded and became impassable.

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<b>MARION COUNTY --- 6.0 NW PEEL [36.49, -92.85], 3.0 NE OAKLAND [36.48, -92.53], FAIRVIEW [36.33, -92.60], 2.0 N REA VLY [36.25, -92.53], 10.0 SE REA VLY [36.12, -92.40], 4.0 SW BRUNO [36.11, -92.82]</b>				
	08/10/13 06:00 CST		0.55M	Flash Flood (due to Heavy Rain)
	08/10/13 09:30 CST		0	Source: Emergency Manager
Several streets in Flippin flooded. Low-water crossings on Marion County Roads 3010, 3021, and 3022 were impassable with more than a foot of water over them. Numerous county roads and bridges suffered damage.				
<b>NEWTON COUNTY --- 10.0 W COMPTON [36.08, -93.48], WESTERN GROVE [36.10, -92.95], 1.0 E BEN HUR [35.75, -92.95], 2.0 S FALLSVILLE [35.74, -93.47]</b>				
	08/10/13 06:00 CST		0.55M	Flash Flood (due to Heavy Rain)
	08/10/13 09:30 CST		0	Source: Emergency Manager
Numerous county roads and bridges were damaged.				
<b>SEARCY COUNTY --- 2.8 ESE BOOSTER [35.73, -92.63], 1.8 SW BOOSTER [35.73, -92.69], 3.5 S IMO [35.73, -92.75], 1.3 SSW IMO [35.76, -92.76], 2.7 ENE BOOSTER [35.77, -92.63]</b>				
	08/10/13 06:00 CST		5K	Flash Flood (due to Heavy Rain)
	08/10/13 09:00 CST		0	Source: Trained Spotter
Low-water crossings were flooded after 2 inches of rain fell in one hour.				
<b>IZARD COUNTY --- 1.0 NNW PINEVILLE [36.18, -92.14], 3.0 NNE WIDEMAN [36.22, -91.98], 1.7 SE WIDEMAN [36.16, -91.98], 0.5 NW CRESWELL [36.08, -92.13], 0.7 WSW CALICO ROCK [36.11, -92.14], 1.3 WSW CALICO ROCK [36.12, -92.15], 2.9 WSW CALICO ROCK [36.10, -92.18]</b>				
	08/10/13 07:00 CST		50K	Flash Flood (due to Heavy Rain)
	08/10/13 09:30 CST		0	Source: Law Enforcement
A bridge on Harris Rd. sustained serious damage, causing the road to be closed. Near the junction of Arkansas Highways 223 and 56, parts of both roads were under water. Two footbridges were washed away by Fairgrounds Creek at Earl King Park in Calico Rock. A water line was washed out at Wideman.				
<b>BOONE COUNTY --- 2.4 W BERGMAN [36.32, -93.04], 1.1 ENE BERGMAN [36.32, -92.98], 2.0 SSE BERGMAN [36.30, -92.98], 2.9 SW BERGMAN [36.29, -93.04]</b>				
	08/10/13 07:30 CST		0	Flash Flood (due to Heavy Rain)
	08/10/13 09:00 CST		0	Source: Broadcast Media
Water covered roads in Bergman.				
<b>BRADLEY COUNTY --- WARREN [33.62, -92.07]</b>				
	08/10/13 13:50 CST		0.13M	Thunderstorm Wind (EG 61 kt)
	08/10/13 13:50 CST		0	Source: Newspaper
Parts of metal roofs were torn off several buildings, including the tomato sheds at the Warren Tomato Market. Roof damage occurred at some homes and apartment buildings. Trees, power lines, and power poles were blown down.				
<b>PULASKI COUNTY --- 1.6 NNW DOUGLASVILLE [34.74, -92.38]</b>				
	08/10/13 17:09 CST		50K	Lightning
	08/10/13 17:09 CST		0	Source: NWS Storm Survey
Lightning set fire to a house on Laurice Cir. in west Little Rock. The kitchen was destroyed and there was smoke damage throughout the house. The residents were home at the time but were not injured.				
<b>GARLAND COUNTY --- 1.8 W (HOT)HOT SPGS ARPT [34.47, -93.13]</b>				
	08/10/13 17:20 CST		10K	Lightning
	08/10/13 17:20 CST		0	Source: Emergency Manager
Lightning struck a house near Briarcroft Dr. and Kaufman Rd. in Hot Springs.				
<b>PULASKI COUNTY --- 0.4 W IVESVILLE [34.80, -92.44]</b>				
	08/10/13 18:25 CST		0	Heavy Rain
	08/10/13 19:15 CST		0	Source: Trained Spotter
Rainfall measured 2.60 inches in 50 minutes near Cantrell Rd. and Taylor Loop Rd. in west Little Rock.				

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<b>PULASKI COUNTY --- 0.9 SSE PANKEY ADDITION [34.79, -92.41]</b>				
	08/10/13 19:46 CST		80K	Lightning
	08/10/13 19:46 CST		0	Source: NWS Storm Survey

Lightning set fire to a vacant house on Pleasant Forest Dr. in west Little Rock. The house was badly damaged.

<b>WOODRUFF COUNTY --- 0.9 SSE RUFFWOOD [35.26, -91.36], 2.5 WSW RUFFWOOD [35.26, -91.41], 3.6 NW AUGUSTA [35.31, -91.42], 2.6 N AUGUSTA [35.32, -91.37], 1.0 N NEW AUGUSTA [35.28, -91.35]</b>				
	08/11/13 11:45 CST		0	Flood (due to Heavy Rain)
	08/22/13 14:30 CST		0	Source: River/Stream Gage

Heavy rainfall in early August caused the White River at Augusta to rise above flood stage during the late morning hours on the 11th. The river remained above flood stage until the afternoon hours of the 22nd.

A nearly stationary front in Arkansas, unusually high water content of the atmosphere, and occasional areas of low pressure aloft moving across the state brought heavy rain, some flash flooding, and a few severe storms from the 8th through the 11th.

Some of the larger rainfall amounts for each day (for the 24-hour period ending at 7 AM on the stated date) included:

8th: 4.80 inches 2 miles south of Omaha (Boone Co.).

9th: 3.89 inches at the Searcy Airport (White Co.), 3.81 inches 4.1 miles southeast of Searcy, 3.53 inches at Scottsville (Pope Co.), 3.48 inches 4.1 miles west of Searcy, and 3.45 inches 2 miles east-northeast of Searcy.

10th: 5.54 inches 0.8 mile north-northeast of Calico Rock (Izard Co.), 4.10 inches 1.2 miles south of Evening Shade (Sharp Co.), 3.97 inches 4.8 miles west-southwest of Calico Rock, and 3.80 inches 2 miles west-southwest of Calico Rock.

11th: 3.30 inches 2 miles south of Fairfield Bay (Van Buren Co.).

President Barack Obama declared Boone, Marion, and Newton counties to be federal disaster areas.

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*Water from Bear Creek flooded Arkansas 14 about 6 miles east of Omaha in Boone County, Arkansas, on the morning of August 8, 2013.  
The photo is courtesy of Lance Hardman.*

**MARION COUNTY --- 1.4 NE FLIPPIN APRT [36.29, -92.56], 2.6 ENE FLIPPIN APRT [36.29, -92.54], 1.7 ESE FLIPPIN APRT [36.28, -92.55], 0.3 ESE FLIPPIN APRT [36.28, -92.58]**

08/12/13 14:00 CST	0	Flash Flood (due to Heavy Rain)
08/12/13 15:30 CST	0	Source: Trained Spotter

High water was reported along Fallen Ash Creek.

**CONWAY COUNTY --- 2.5 W PETIT JEAN STATE PARK [35.13, -92.94], 0.6 NE PETIT JEAN STATE PARK [35.14, -92.89], 0.4 SSE ADA [35.09, -92.88], 1.0 NNW CODY [35.09, -92.97]**

08/12/13 15:00 CST	5K	Flash Flood (due to Heavy Rain)
08/12/13 16:45 CST	0	Source: Trained Spotter

From 3:27 to 4:14 PM CDT, 2.94 inches of rain fell on the east side of Petit Jean Mountain, causing part of a road to wash out.

**PERRY COUNTY --- CASA [35.02, -93.05]**

08/12/13 15:10 CST	1K	Thunderstorm Wind (EG 52 kt)
08/12/13 15:10 CST	0	Source: Law Enforcement

Large limbs were blown down.

**PULASKI COUNTY --- 0.5 NW PULASKI [34.76, -92.33], 1.1 S RIXEY [34.73, -92.20], 1.2 ESE COLLEGE STATION [34.70, -92.20], 1.6 NW WARD [34.69, -92.32]**

## Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/12/13 15:45 CST		40K	Flood (due to Heavy Rain)
	08/12/13 17:30 CST		0	Source: Broadcast Media

Heavy rain caused some street flooding in the area around downtown Little Rock. The rain gauge at the Little Rock airport recorded 0.89 inch of rain between 5:01 and 5:14 PM CDT.

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**SCOTT COUNTY --- 2.9 WSW BRAWLEY [34.83, -94.36], 2.9 NE BLANSETT [34.83, -94.19], 6.8 SSW NELLA [34.65, -94.19], 6.6 SSE SULLIVAN [34.66, -94.35]**

08/13/13 09:00 CST	5K	Flash Flood (due to Heavy Rain)
08/13/13 11:00 CST	0	Source: Emergency Manager

Water was over some roads.

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**LONOKE COUNTY --- BLAKEMORE [34.60, -91.90]**

08/13/13 17:10 CST	0	Funnel Cloud
08/13/13 17:10 CST	0	Source: Social Media

Several photographs showed at least one funnel cloud over the southern part of Lonoke County.

**A cold front approached on the 12th and moved through most of the state on the 13th. The front triggered isolated severe storms, heavy rain, and some flash flooding. For the 24-hour period ending at 7 AM on the 13th, a station 12.9 miles east of Mount Ida (Montgomery Co. near the Garland Co. line) measured 4.64 inches of rain.**

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**(AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN**

08/20/13 06:00 CST	0	Drought
08/31/13 23:59 CST	0	

**During August, afternoon heating and the passage of a couple of cold fronts produced only spotty rainfall across southern Arkansas. By the end of the month, severe drought began to appear across much of the southern part of the state.**

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**(AR-Z063) CLEVELAND, (AR-Z065) DESHA, (AR-Z068) BRADLEY, (AR-Z069) DREW**

08/20/13 06:00 CST	0	Drought
08/31/13 23:59 CST	0	

**Continued dry weather led to the development of severe drought over parts of southeastern Arkansas after the middle of August.**

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**YELL COUNTY --- CENTERVILLE [35.12, -93.17]**

08/31/13 15:52 CST	15K	Thunderstorm Wind (EG 52 kt)
08/31/13 15:52 CST	0	Source: Utility Company

Power lines were blown down around Centerville, knocking out power to about 1,000 electric customers.

**Above-normal temperatures, a moist atmosphere, and the arrival of a weak area of low pressure aloft triggered an isolated severe storm in western Arkansas on the afternoon of the 31st.**